

ABSTRACT OF THE DISCLOSURE

A method of determining the ambient pressure which is performed in a turbocharged engine having a throttle which is disposed between a heat exchange chamber, known as an intercooler, and an intake manifold. A compressor is provided in order to compress the air in the heat exchange chamber, and the engine is equipped with elements for indicating the pressure in the chamber. The method includes the following steps: detecting the opening of the throttle; measuring the pressure (MAP_UP) in the heat exchange chamber; and determining the ambient pressure (AMP) by measuring the pressure (MAP_UP) in the heat exchange chamber at a predetermined moment which is defined in relation to a characteristic point of the curve (24) representing the pressure (MAP_UP) in the heat exchange chamber as a function of time, the ambient pressure (AMP) being equal to the pressure measured in the heat exchange chamber.